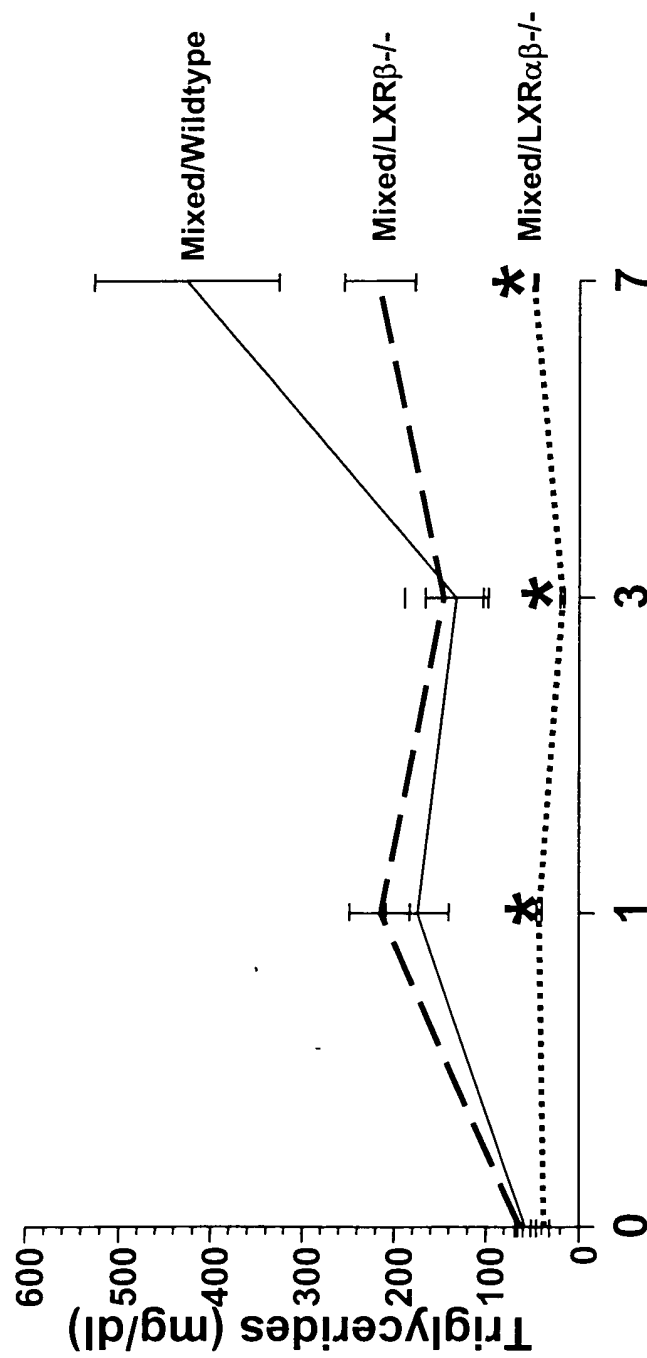


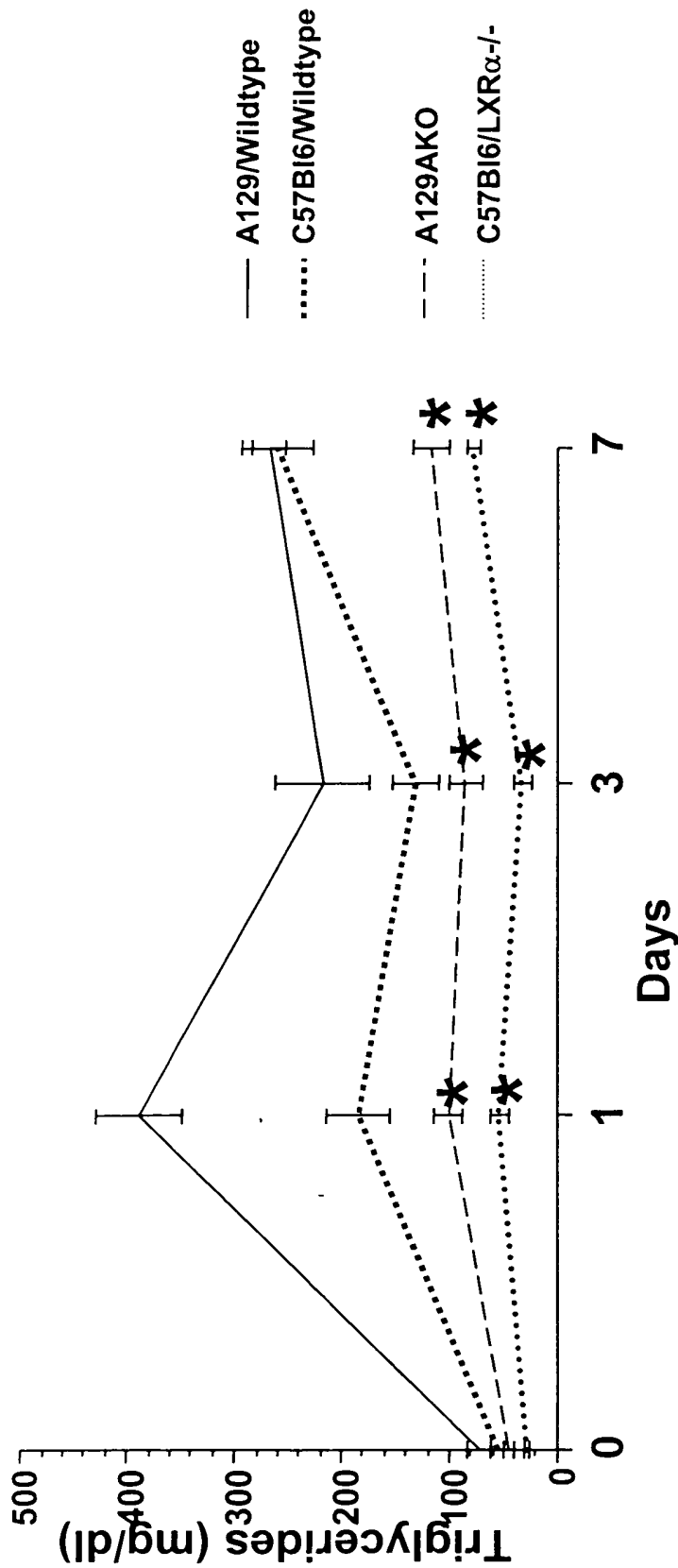
## Effect of Compound 1 on Plasma Triglyceride Levels in LXR $\beta$ <sup>-/-</sup>, and LXR $\alpha\beta$ <sup>-/-</sup> Mice



\* = Statistically significant difference from Wildtype control  
Animals dosed daily by oral gavage (10 mg/kg; n=7/group)

Figure 1

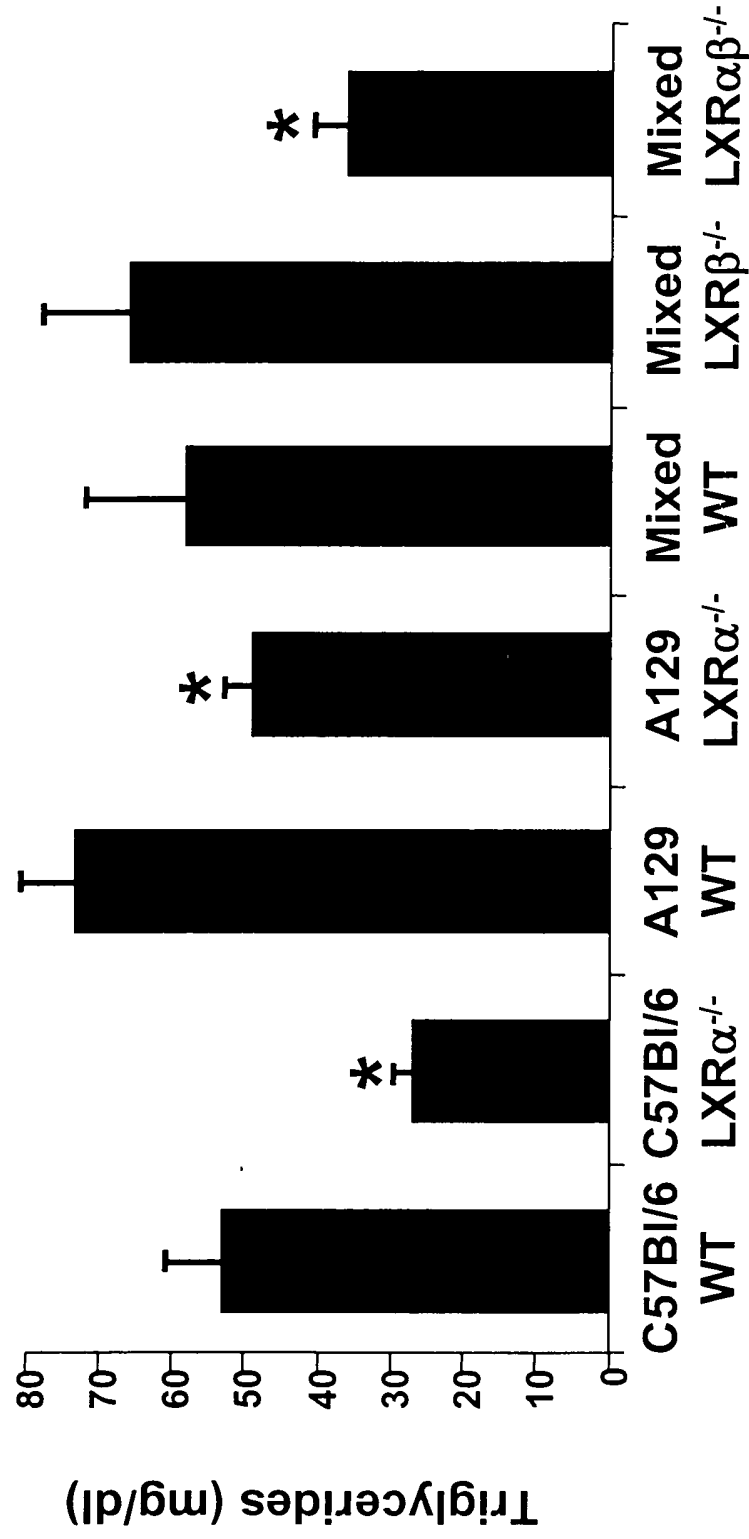
# Effect of Compound 1 on Plasma Triglyceride Levels in LXR $\alpha$ -/- Mice



\* = Statistically significant difference from Wildtype control  
Animals dosed daily by oral gavage (10 mg/kg; n=7/group)

Figure 2

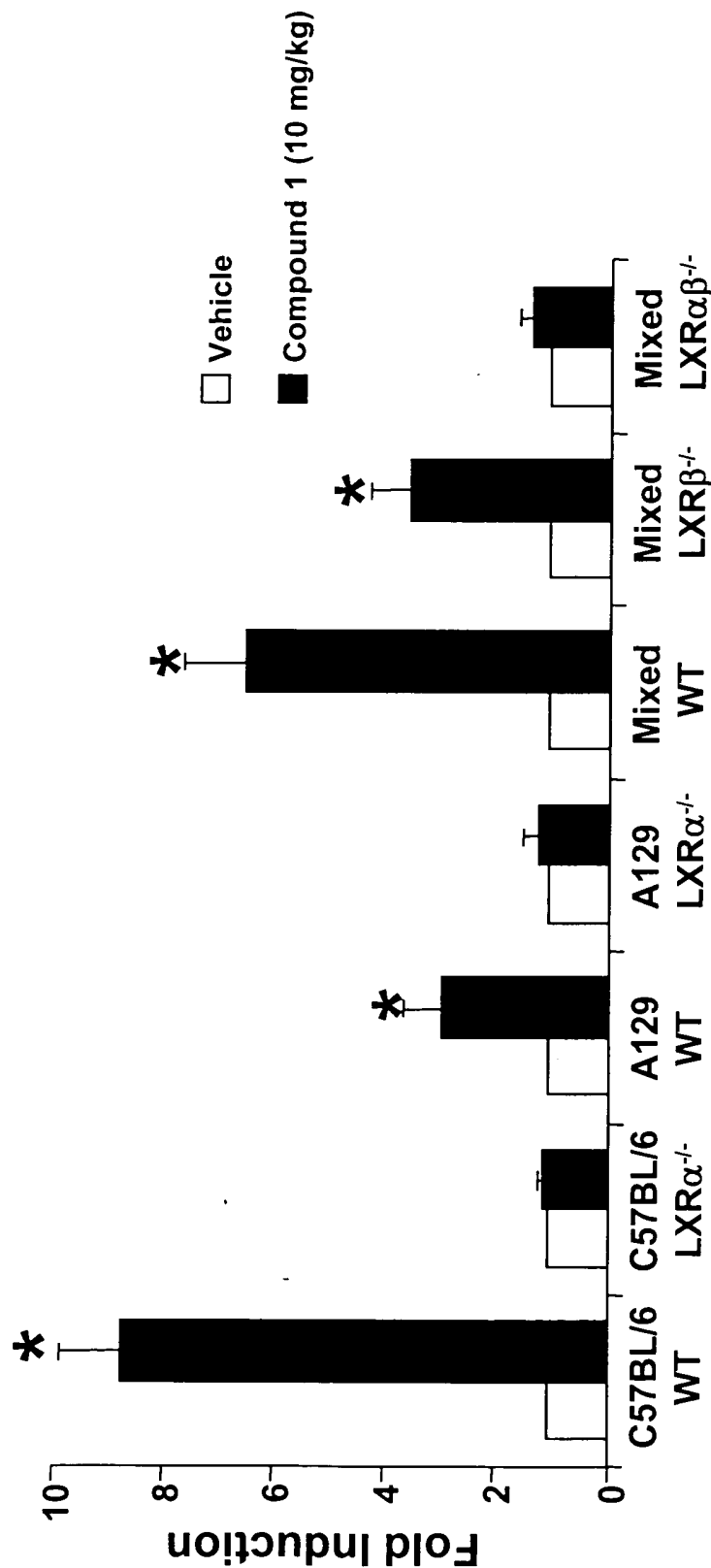
# Triglyceride Levels in Wildtype and LXR Knockout Mice



\* = Statistically significant difference from wildtype control (n=7)

Figure 3

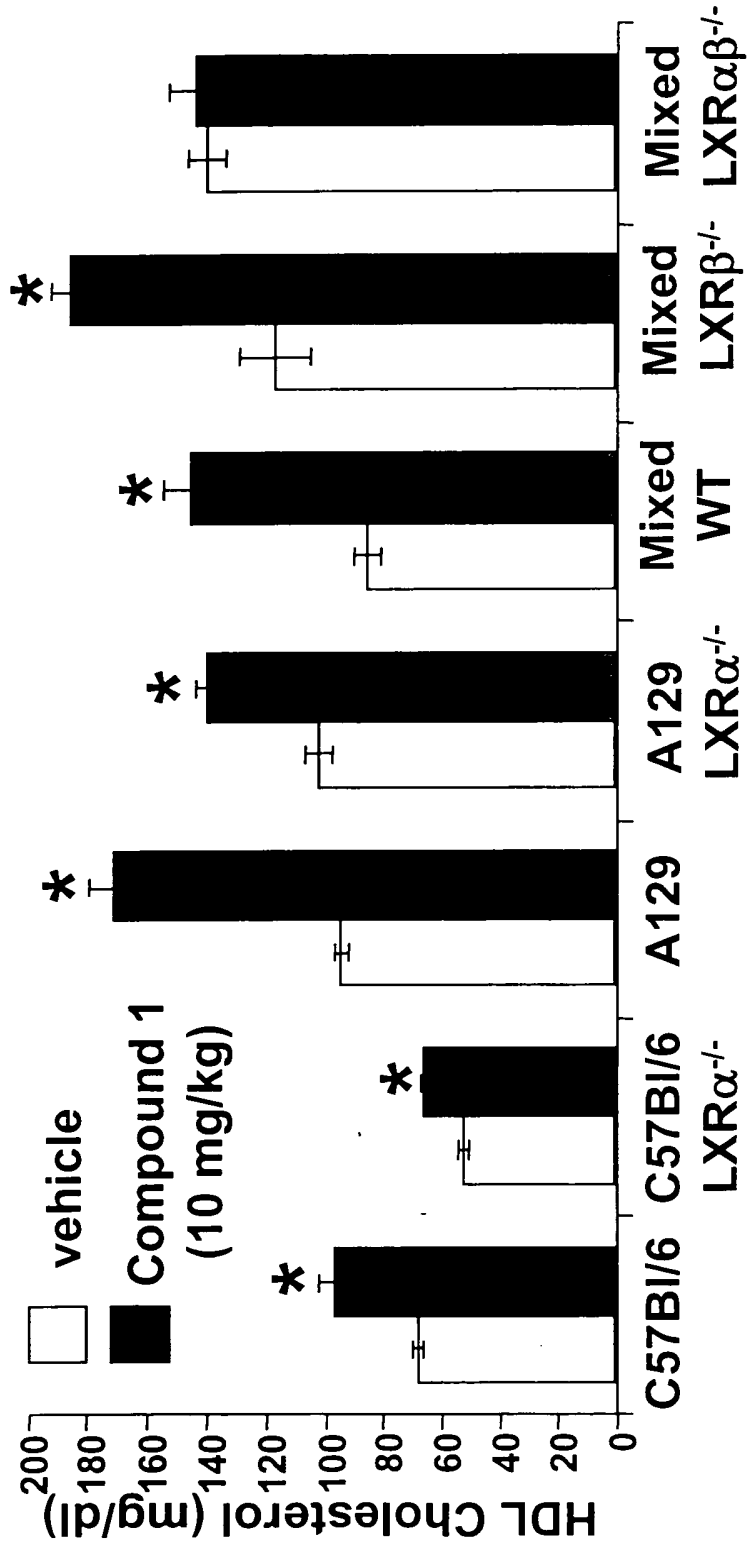
# LXR-Dependent Regulation Of Liver LPL mRNA Levels *In Vivo*



Animals dosed daily by oral gavage for 7 days (n=4)

Figure 4

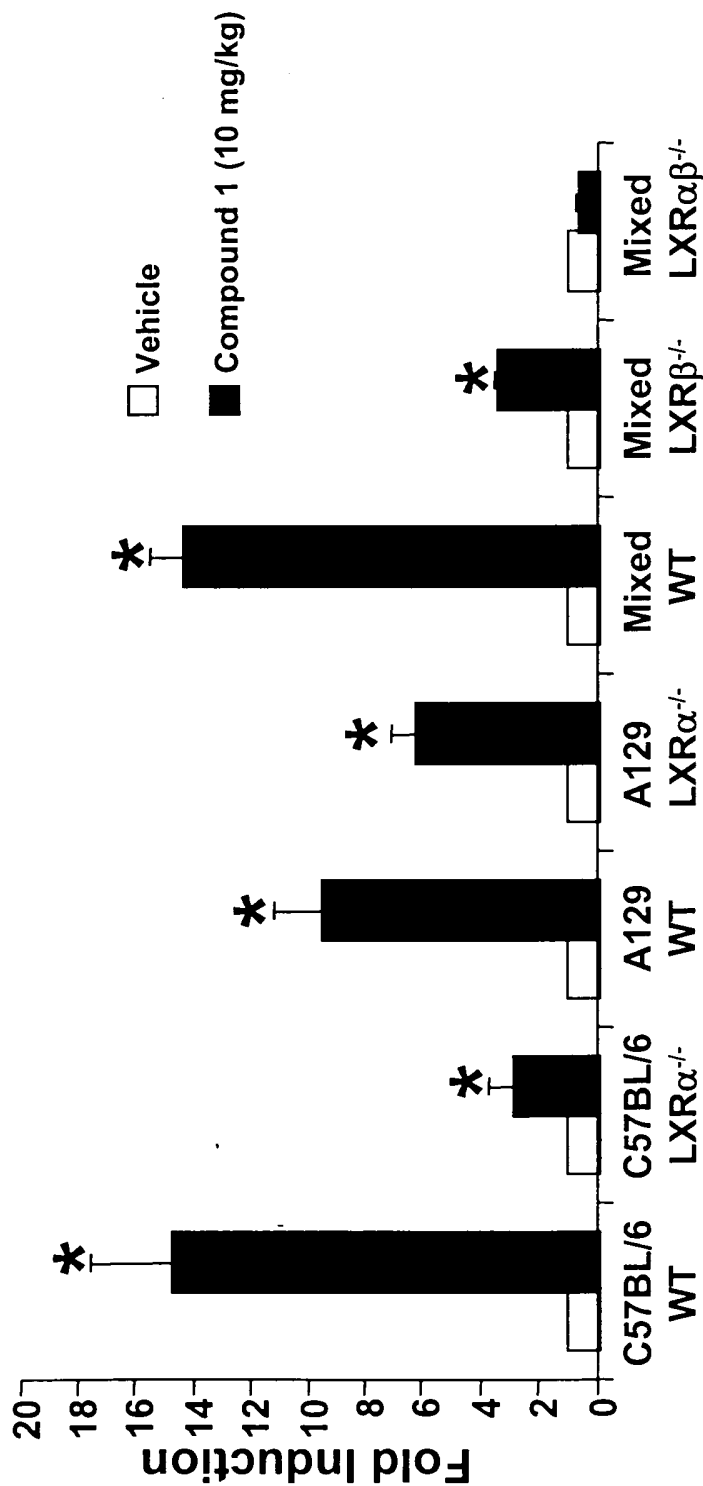
# Effect of Compound 1 on HDL Levels in LXR $\alpha$ , $\beta$ and LXR $\alpha\beta$ KO Mice



\* = Statistically significant difference from Vehicle control  
Animals dosed daily by oral gavage for 7 days (n=7)

Figure 5

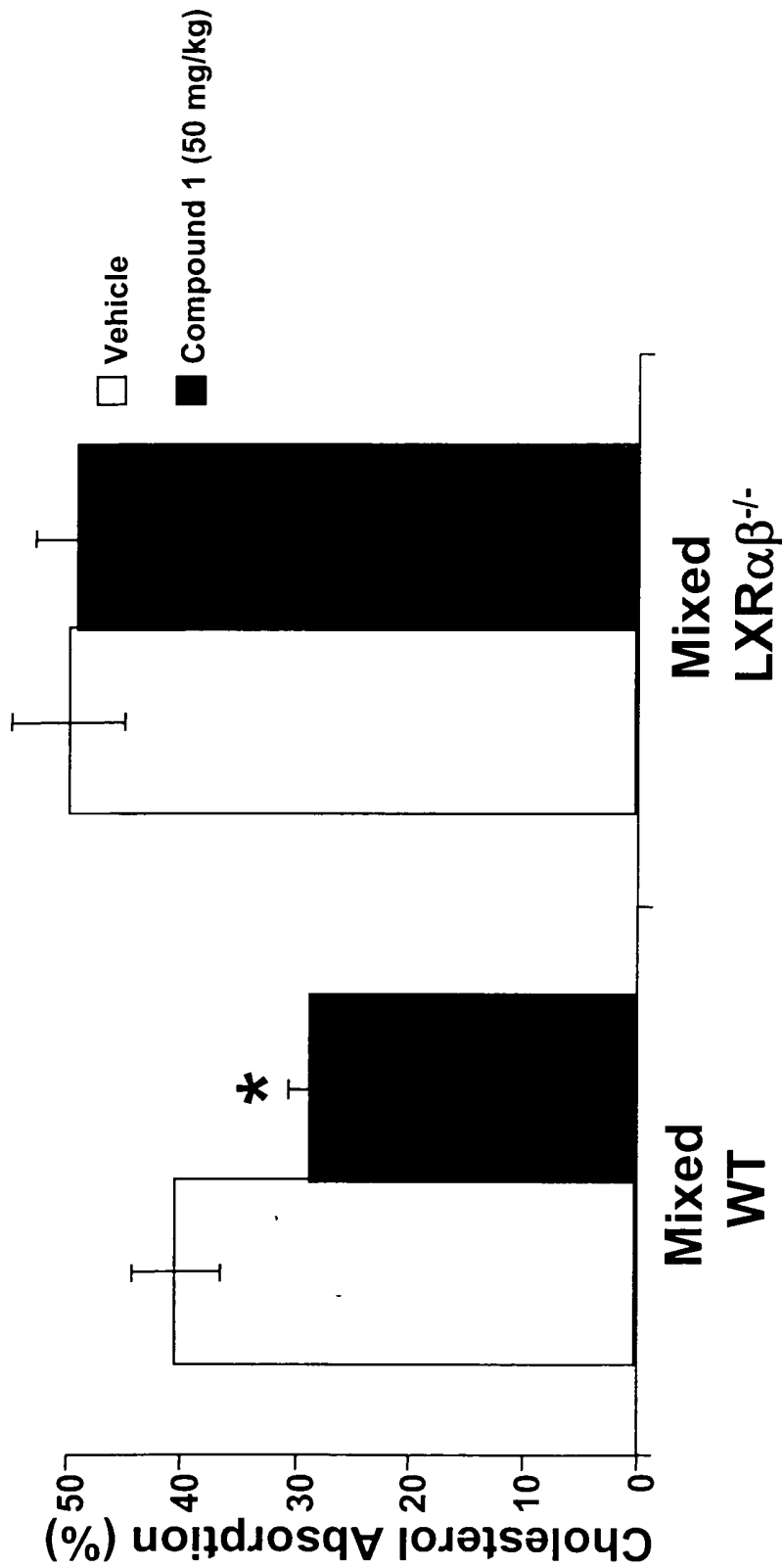
## LXR-Dependent Regulation Of Liver CYP7a mRNA Levels *In Vivo*



Animals dosed daily by oral gavage for 7 days (n=4)

Figure 6

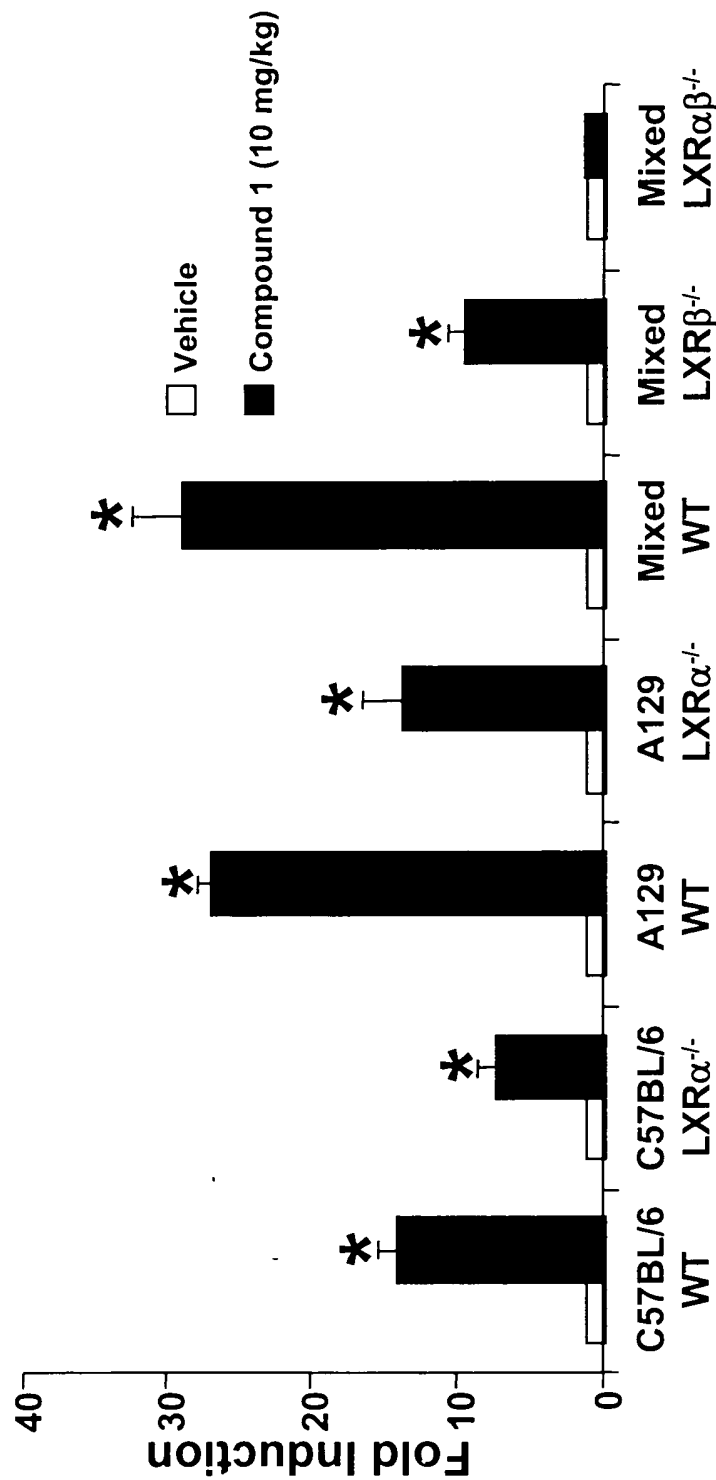
## LXR Agonist-Dependent Inhibition Of Dietary Cholesterol Absorption



\* = Statistically significant difference from Vehicle control  
Animals dosed daily by oral gavage for 7 days (n=4)

Figure 7

## LXR-Dependent Regulation Of Intestinal ABCA1 mRNA Levels *In Vivo*



Animals dosed daily by oral gavage for 7 days (n=4)

Figure 8



# $LXR\alpha\beta^{-/-} \rightarrow ApoE^{-/-}$ Bone Marrow Transfer

**A**

$ApoE^{-/-} \rightarrow ApoE^{-/-}$   
8 weeks Post-BMT



$LXR\alpha\beta^{-/-} \rightarrow ApoE^{-/-}$   
8 weeks Post-BMT



C57BI6  $\rightarrow ApoE^{-/-}$   
8 weeks Post-BMT



**B**

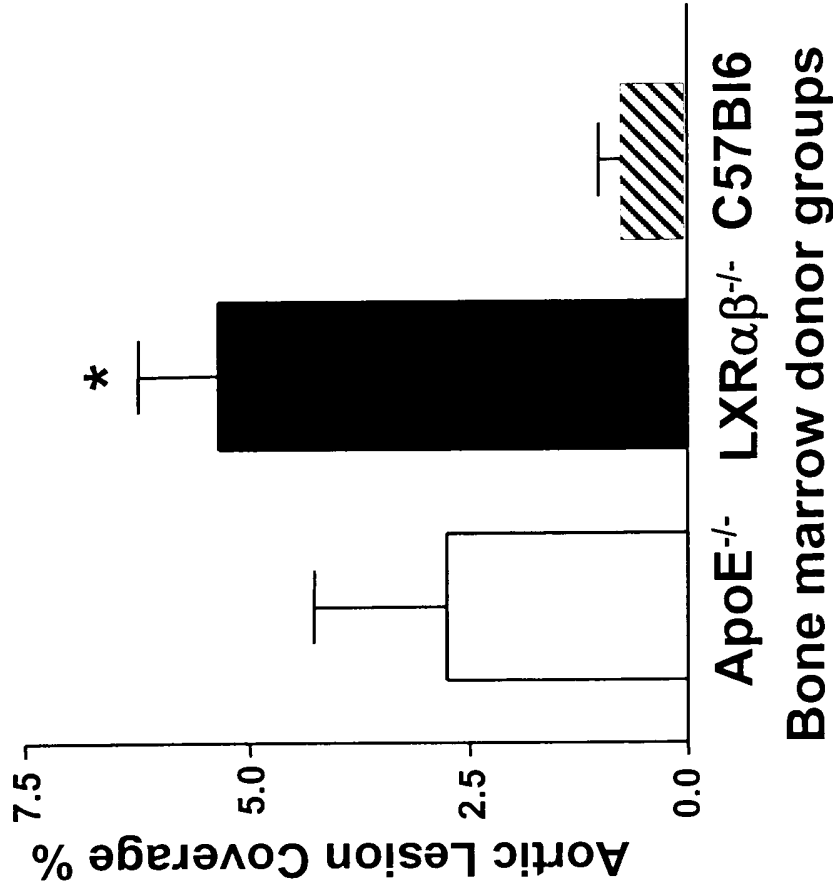
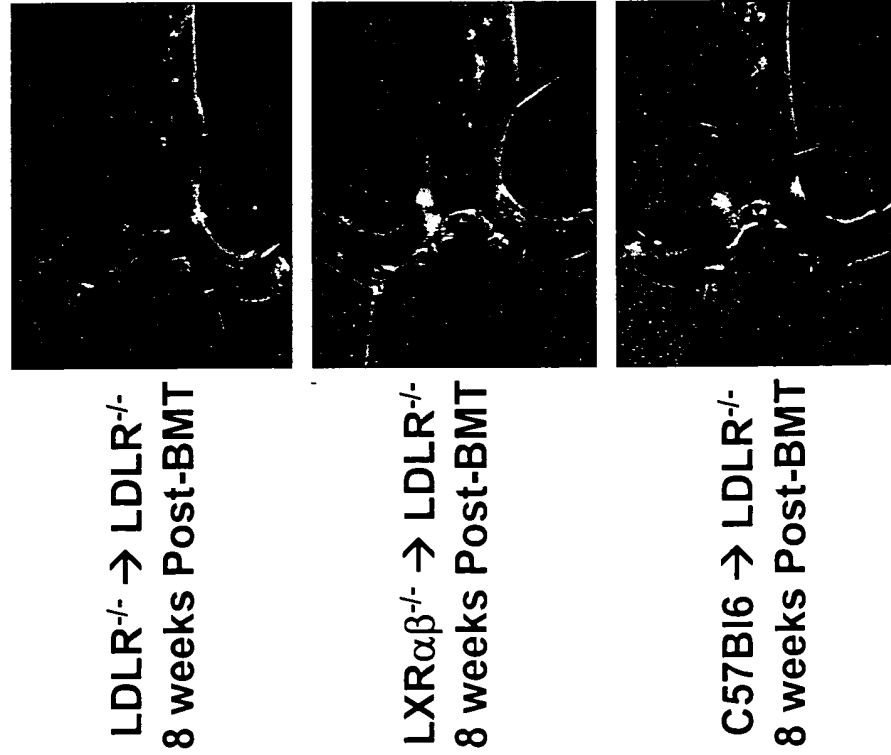


Figure 9

# LXR $\alpha\beta^{-/-}$ $\rightarrow$ LDLR $^{-/-}$ Bone Marrow Transfer

**A**



**B**

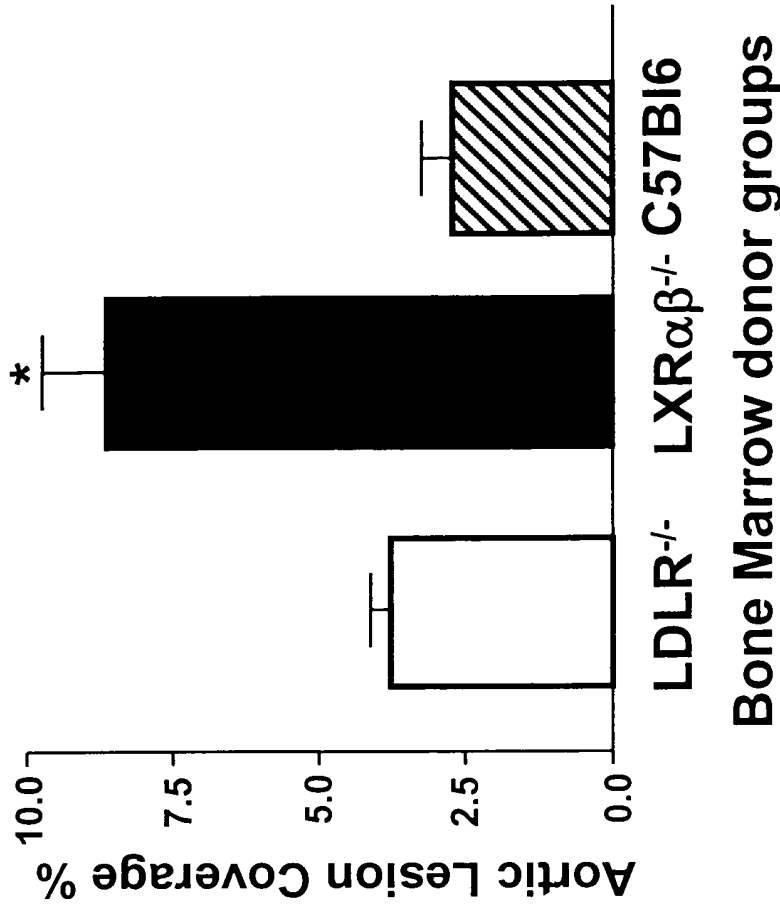


Figure 10

# LXR mRNA Levels In Mouse Peritoneal Macrophages

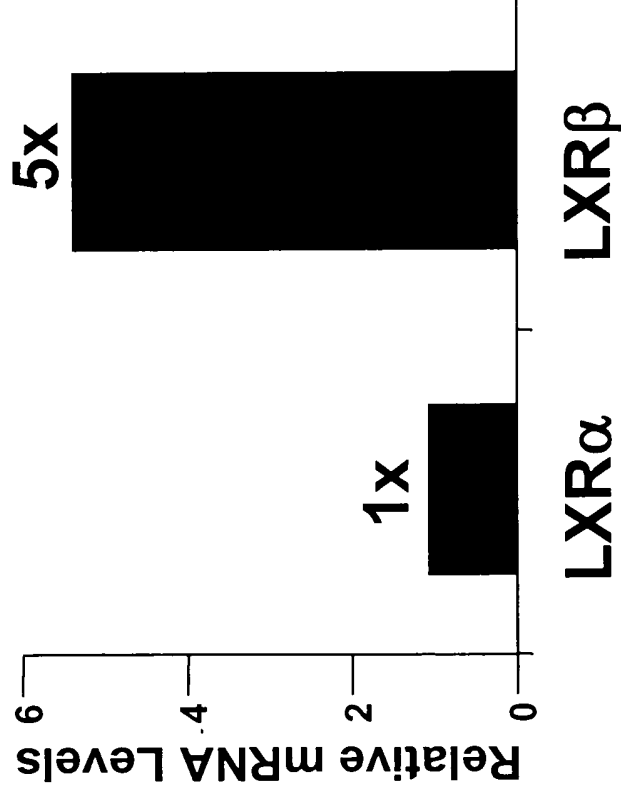
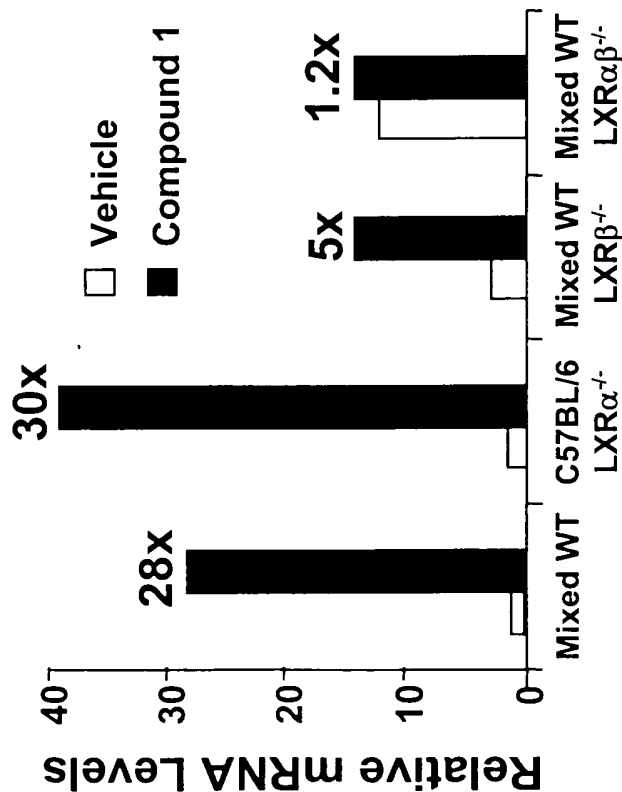


Figure 11

# LXR-Dependent Gene Expression In Mouse Peritoneal Macrophages

## A ABCA 1



## B ABCG1

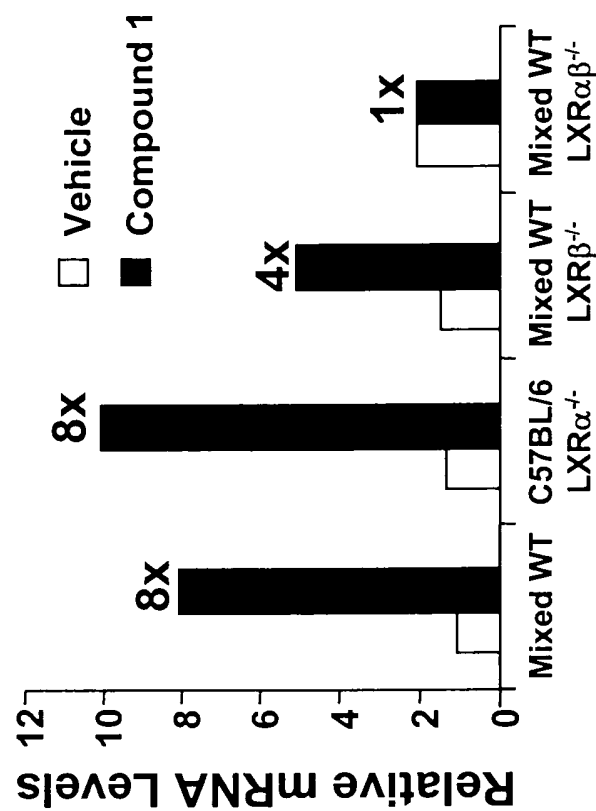
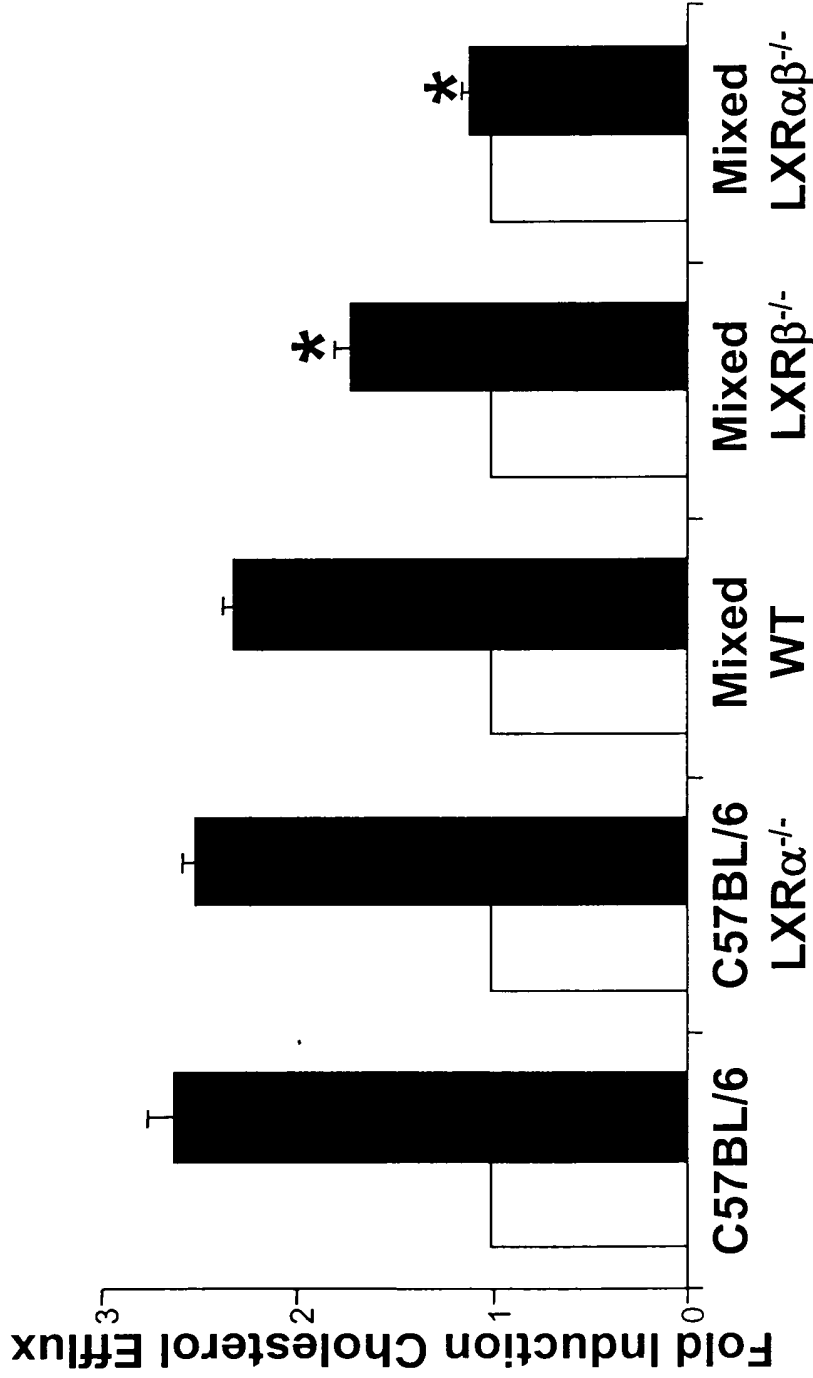


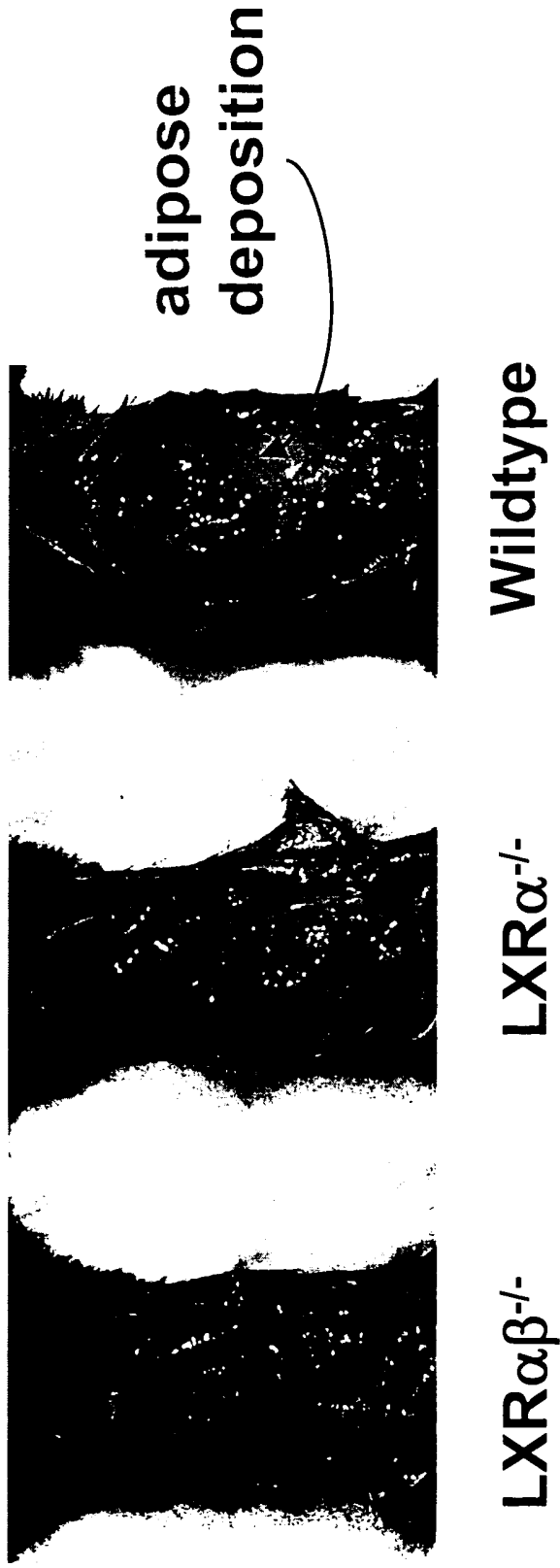
Figure 12

# LXR-Dependent Cholesterol Efflux In Mouse Peritoneal Macrophages



\* = Statistically significant difference from wildtype control

Figure 13



## Donor Bone Marrow

Figure 14

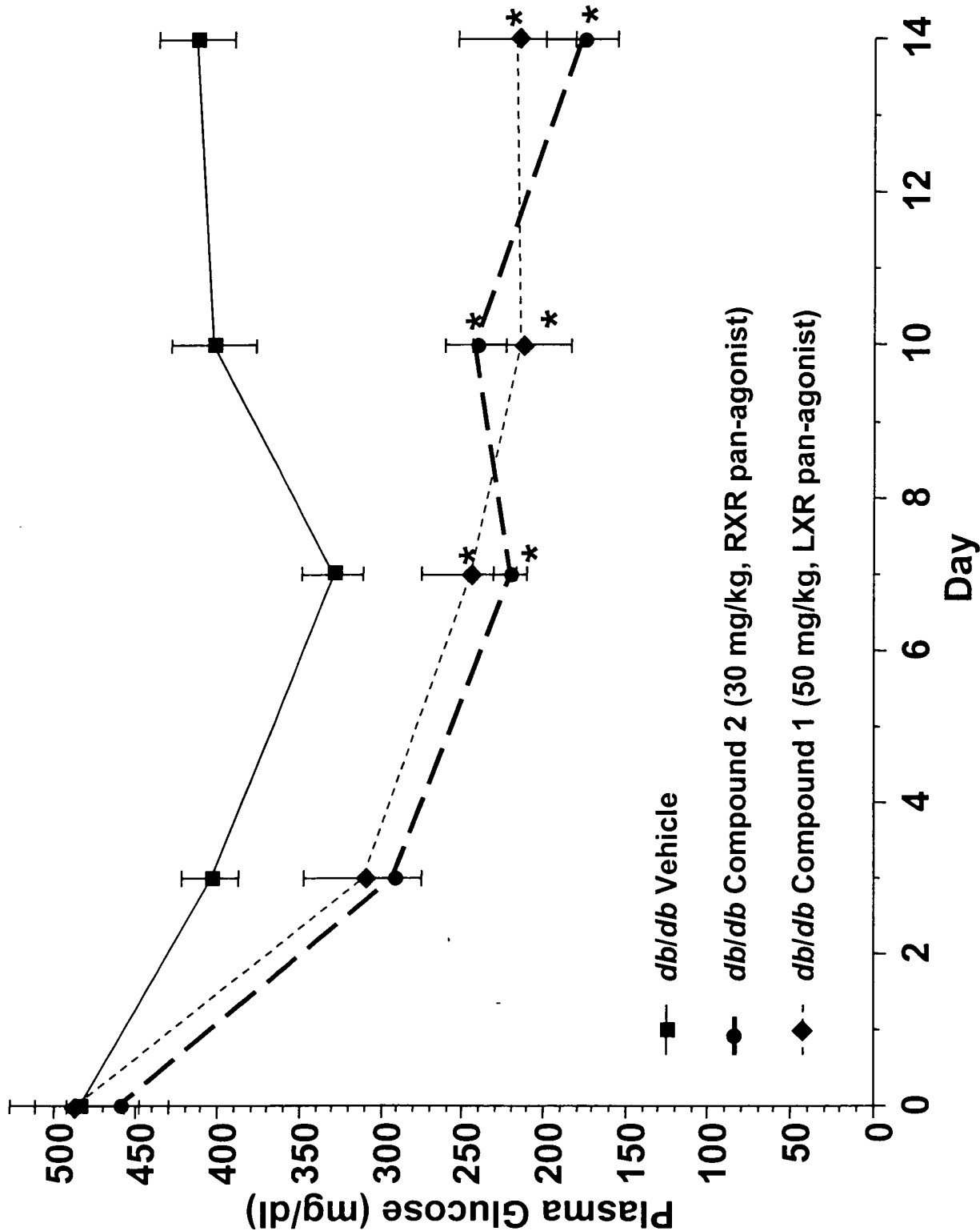


Figure 15